



Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

September 01, 2023

Matt Dalton
University of Illinois Water Dept.
1501 South Oak St
Champaign, IL 61820

Dear Matt Dalton:

Please find enclosed the analytical results for the sample(s) the laboratory received. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

Sincerely,

A handwritten signature in cursive script that reads "Valerie Bennett".

Valerie Bennett
Project Manager
(309)683-1737
valerie.bennett@pacelabs.com



SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order GG04757

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
YES	Zero headspace, <6 mm present in VOA vials
YES	Trip blank(s) received
YES	All non-field analyses received within holding times
YES	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



LEAD ANALYTICAL RESULTS

Reg ID: IL0195500

Method: EPA 200.8 REV 5.4

Matrix: Drinking Water

Record	Result	Units	Site	Sample	Sampled	Received	Analyzed	Analyst
1	< 1.0	ug/L	LA2J071 - AGRONOMY SOUTH FARMS	GG04757-21	07/19/23 10:20	07/27/23 09:20	08/31/23 10:31	KMC
2	< 1.0	ug/L	LA3R062 - 1005 WESTERN AVE	GG04757-26	07/25/23 15:46	07/27/23 09:20	08/31/23 10:48	KMC
3	< 1.0	ug/L	LP2J058 - 1002 WEST GREEN STRE	GG04757-15	07/25/23 15:07	07/27/23 09:20	08/31/23 10:21	KMC
4	< 1.0	ug/L	LA3R063 - 504 EAST ARMORY AVE	GG04757-22	07/24/23 09:48	07/27/23 09:20	08/31/23 10:42	KMC
5	< 1.0	ug/L	LP2J040 - 103 SOUTH GREGORY AV	GG04757-29	07/22/23 06:31	07/27/23 09:20	08/31/23 10:53	KMC
6	< 1.0	ug/L	LA2J076 - SOYBEAN RES AGRONOMY	GG04757-28	07/24/23 10:51	07/27/23 09:20	08/31/23 10:51	KMC
7	< 1.0	ug/L	LP3R020 - 1402 WEST PENNSYLVAN	GG04757-07	07/24/23 07:55	07/27/23 09:20	08/31/23 10:03	KMC
8	< 1.0	ug/L	LA3R079 - 715 S WRIGHT ST	GG04757-16	07/25/23 09:20	07/27/23 09:20	08/31/23 10:23	KMC
9	< 1.0	ug/L	LP2J008 - 511 WEST HAZELWOOD D	GG04757-14	07/19/23 11:05	07/27/23 09:20	08/31/23 10:20	KMC
10	< 1.0	ug/L	LP2J039 - 709 SOUTH MATHEWS AV	GG04757-08	07/22/23 09:19	07/27/23 09:20	08/31/23 10:04	KMC
11	< 1.0	ug/L	LP2J019 - 1804 SOUTH GRIFFITH	GG04757-03	07/19/23 08:56	07/27/23 09:20	08/31/23 09:50	KMC
12	< 1.0	ug/L	LP2J003 - 905 WEST NEVADA STRE	GG04757-18	07/22/23 08:11	07/27/23 09:20	08/31/23 10:26	KMC
13	< 1.0	ug/L	LP2J018 - 1 ST MARYS RD	GG04757-27	07/19/23 09:28	07/27/23 09:20	08/31/23 10:50	KMC
14	< 1.0	ug/L	LA3R064 - 807 SOUTH WRITHT STR	GG04757-17	07/25/23 10:03	07/27/23 09:20	08/31/23 10:24	KMC
15	< 1.0	ug/L	LP2J037 - 11 EAST GERTY DRIVE	GG04757-25	07/18/23 13:01	07/27/23 09:20	08/31/23 10:47	KMC
16	< 1.0	ug/L	LP2J059 - 1102 WEST GREGORY DR	GG04757-24	07/24/23 09:09	07/27/23 09:20	08/31/23 10:45	KMC
17	< 1.0	ug/L	LP2J041 - 919 WEST ILLINOIS ST	GG04757-20	07/22/23 07:03	07/27/23 09:20	08/31/23 10:29	KMC
18	< 1.0	ug/L	LP2J006 - 2116 SOUTH GRIFFITH	GG04757-06	07/18/23 13:40	07/27/23 09:20	08/31/23 10:01	KMC
19	< 1.0	ug/L	LP2J057 - 500 EAST PEABODY DRI	GG04757-12	07/24/23 07:10	07/27/23 09:20	08/31/23 10:10	KMC
20	< 1.0	ug/L	LP2J009 - 1611 SOUTH OAK STREE	GG04757-05	07/24/23 11:35	07/27/23 09:20	08/31/23 09:53	KMC
21	< 1.0	ug/L	LP3R029 - 1203 WEST NEVADA STR	GG04757-23	07/22/23 10:26	07/27/23 09:20	08/31/23 10:44	KMC
22	< 1.0	ug/L	LA3R077 - 1201 W NEVADA	GG04757-30	07/25/23 14:26	07/27/23 09:20	08/31/23 11:03	KMC
23	< 1.0	ug/L	LP3R030 - 1205 WEST NEVADA	GG04757-13	07/25/23 11:30	07/27/23 09:20	08/31/23 10:12	KMC
24	< 1.0	ug/L	LP2J022 - 1800 SOUTH WRITHT ST	GG04757-04	07/20/23 10:41	07/27/23 09:20	08/31/23 09:52	KMC
25	< 1.0	ug/L	LP2J036 - 2110 SOUTH GRIFFITH	GG04757-02	07/18/23 14:34	07/27/23 09:20	08/31/23 09:49	KMC
26	< 1.0	ug/L	LP2J015 - 1605 SOUTH WRITHT ST	GG04757-10	07/20/23 10:05	07/27/23 09:20	08/31/23 10:07	KMC
27	1.0	ug/L	LP2J025 - 1401 SOUTH MARYLAND	GG04757-09	07/24/23 08:35	07/27/23 09:20	08/31/23 10:06	KMC
28	1.6	ug/L	LP3R002 - 1103 SOUTH SIXTH STR	GG04757-11	07/25/23 12:13	07/27/23 09:20	08/31/23 10:09	KMC
29	1.9	ug/L	LP2J034 - 2115 SOUTH GRIFFITH	GG04757-01	07/19/23 08:04	07/27/23 09:20	08/31/23 09:47	KMC



Pace Analytical Services, LLC

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30 8.8 ug/L LP3R043 - 1707 SOUTH ORCHARD S GG04757-19 07/25/23 13:50 07/27/23 09:20 08/31/23 10:27 KMC



COPPER ANALYTICAL RESULTS

Reg ID: IL0195500

Method: EPA 200.8 REV 5.4

Matrix: Drinking Water

Record	Result	Units	Site	Sample	Sampled	Received	Analyzed	Analyst
1	< 3.0	ug/L	LA3R062 - 1005 WESTERN AVE	GG04757-26	07/25/23 15:46	07/27/23 09:20	08/31/23 10:48	KMC
2	< 3.0	ug/L	LA2J071 - AGRONOMY SOUTH FARMS	GG04757-21	07/19/23 10:20	07/27/23 09:20	08/31/23 10:31	KMC
3	< 3.0	ug/L	LA3R063 - 504 EAST ARMORY AVE	GG04757-22	07/24/23 09:48	07/27/23 09:20	08/31/23 10:42	KMC
4	4.4	ug/L	LP2J041 - 919 WEST ILLINOIS ST	GG04757-20	07/22/23 07:03	07/27/23 09:20	08/31/23 10:29	KMC
5	4.6	ug/L	LP2J039 - 709 SOUTH MATHEWS AV	GG04757-08	07/22/23 09:19	07/27/23 09:20	08/31/23 10:04	KMC
6	7.3	ug/L	LA2J076 - SOYBEAN RES AGRONOMY	GG04757-28	07/24/23 10:51	07/27/23 09:20	08/31/23 10:51	KMC
7	7.9	ug/L	LP2J008 - 511 WEST HAZELWOOD D	GG04757-14	07/19/23 11:05	07/27/23 09:20	08/31/23 10:20	KMC
8	8.5	ug/L	LA3R077 - 1201 W NEVADA	GG04757-30	07/25/23 14:26	07/27/23 09:20	08/31/23 11:03	KMC
9	8.9	ug/L	LP3R029 - 1203 WEST NEVADA STR	GG04757-23	07/22/23 10:26	07/27/23 09:20	08/31/23 10:44	KMC
10	9.8	ug/L	LP3R020 - 1402 WEST PENNSYLVAN	GG04757-07	07/24/23 07:55	07/27/23 09:20	08/31/23 10:03	KMC
11	11	ug/L	LP2J058 - 1002 WEST GREEN STRE	GG04757-15	07/25/23 15:07	07/27/23 09:20	08/31/23 10:21	KMC
12	11	ug/L	LA3R064 - 807 SOUTH WRITHT STR	GG04757-17	07/25/23 10:03	07/27/23 09:20	08/31/23 10:24	KMC
13	12	ug/L	LP2J057 - 500 EAST PEABODY DRI	GG04757-12	07/24/23 07:10	07/27/23 09:20	08/31/23 10:10	KMC
14	13	ug/L	LP2J003 - 905 WEST NEVADA STRE	GG04757-18	07/22/23 08:11	07/27/23 09:20	08/31/23 10:26	KMC
15	13	ug/L	LP2J006 - 2116 SOUTH GRIFFITH	GG04757-06	07/18/23 13:40	07/27/23 09:20	08/31/23 10:01	KMC
16	14	ug/L	LP3R030 - 1205 WEST NEVADA	GG04757-13	07/25/23 11:30	07/27/23 09:20	08/31/23 10:12	KMC
17	17	ug/L	LP3R043 - 1707 SOUTH ORCHARD S	GG04757-19	07/25/23 13:50	07/27/23 09:20	08/31/23 10:27	KMC
18	20	ug/L	LP2J037 - 11 EAST GERTY DRIVE	GG04757-25	07/18/23 13:01	07/27/23 09:20	08/31/23 10:47	KMC
19	21	ug/L	LP2J009 - 1611 SOUTH OAK STREE	GG04757-05	07/24/23 11:35	07/27/23 09:20	08/31/23 09:53	KMC
20	23	ug/L	LP2J015 - 1605 SOUTH WRITHT ST	GG04757-10	07/20/23 10:05	07/27/23 09:20	08/31/23 10:07	KMC
21	26	ug/L	LP2J022 - 1800 SOUTH WRITHT ST	GG04757-04	07/20/23 10:41	07/27/23 09:20	08/31/23 09:52	KMC
22	26	ug/L	LA3R079 - 715 S WRIGHT ST	GG04757-16	07/25/23 09:20	07/27/23 09:20	08/31/23 10:23	KMC
23	29	ug/L	LP2J036 - 2110 SOUTH GRIFFITH	GG04757-02	07/18/23 14:34	07/27/23 09:20	08/31/23 09:49	KMC
24	37	ug/L	LP2J034 - 2115 SOUTH GRIFFITH	GG04757-01	07/19/23 08:04	07/27/23 09:20	08/31/23 09:47	KMC
25	42	ug/L	LP2J018 - 1 ST MARYS RD	GG04757-27	07/19/23 09:28	07/27/23 09:20	08/31/23 10:50	KMC
26	44	ug/L	LP3R002 - 1103 SOUTH SIXTH STR	GG04757-11	07/25/23 12:13	07/27/23 09:20	08/31/23 10:09	KMC
27	44	ug/L	LP2J059 - 1102 WEST GREGORY DR	GG04757-24	07/24/23 09:09	07/27/23 09:20	08/31/23 10:45	KMC
28	51	ug/L	LP2J019 - 1804 SOUTH GRIFFITH	GG04757-03	07/19/23 08:56	07/27/23 09:20	08/31/23 09:50	KMC
29	56	ug/L	LP2J025 - 1401 SOUTH MARYLAND	GG04757-09	07/24/23 08:35	07/27/23 09:20	08/31/23 10:06	KMC
30	62	ug/L	LP2J040 - 103 SOUTH GREGORY AV	GG04757-29	07/22/23 06:31	07/27/23 09:20	08/31/23 10:53	KMC



NOTES

How do I evaluate my results? (40 CFR 141.80(c)(3) & 141.86(f))

Lead and copper analytical results are evaluated against an action level, not an MCL. The lead action level is exceeded if the concentration of lead in more than 10 percent of tap water samples collected during any monitoring period is greater than 15 ug/ L (i.e., if the 90th percentile level lead level is greater than 15 ug/L. The copper action level is exceeded if the concentration of copper in more than 10 percent of tap water samples collected during any monitoring period conducted is greater than 1300 ug/ L (i.e.,if the 90 percentile copper level is greater than 1300 ug/L. All samples that meet the proper site selection and sample collection procedures are used to determine the 90th percentile calculation, even if you collect samples from more sites than required.

To calculate 90% when collecting 5 samples:

1. Take the average of the 4th and 5th highest sample by adding the 2 results together and dividing by 2.
2. Compare the 90% level to the lead and copper action level listed above.

To calculate 90% when collecting MORE than 5 samples:

1. The report indicates the lead and copper results in ascending order (from lowest to highest value).
2. If collecting:
 - 10 samples = 9th highest sample is 90%
 - 20 samples = 18th highest sample is 90%
 - 30 samples = 27th highest sample is 90%
 - 40 samples = 36th highest sample is 90%
 - 50 samples = 45th highest sample is 90%
 - 60 samples = 54th highest sample is 90%
3. If your 90th percentile value is higher than 15 ug/L for lead or 1300 ug/L for copper, you have an exceedance.



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Valerie Bennett, Project Manager